



Practitioner's Docket No. 007996 USA CO1/IMPLANT/CONDUCTIVE/JB1

PATENT

IN THE UNITED STATES PATENT OFFICE

In re application of: Donald W. Berrian

Application No.: 10/694,162

Group No.: 2881

Filed: October 27, 2003

Examiner: Vanore, David A.

For: **SYSTEM AND METHOD FOR IMPLANTING A WAFER WITH AN ION BEAM**

**Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450**

**CERTIFICATE OF MAILING
via EXPRESS MAIL**

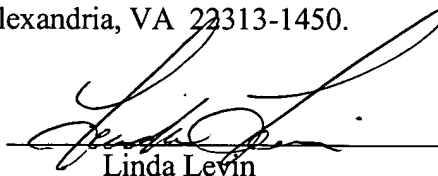
Express Mail Label No. EV 386865035 US

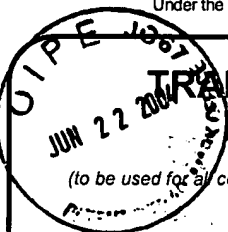
Date of Deposit: June 22, 2004

I hereby state that the following *attached* papers:

1. Transmittal (1 page)
2. Fee Transmittal in duplicate for fee processing (2 pages)
3. Deficiency Payment to Correct Error in Small Entity (1 page)
4. Response to Office Action mailed March 29, 2004 (2 pages)
5. Terminal Disclaimer to Obviate a Double Patenting Rejection Over a Prior Patent (1 page)
6. Certificate of Mailing (1 page)
7. Return Postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10, on the date indicated above and is addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.


Linda Levin



TRANSMITTAL FORM (to be used for all correspondence after initial filing)		Application Number	10/694,162
		Filing Date	October 27, 2003
		First Named Inventor	Donald W. Berrian
		Art Unit	2881
		Examiner Name	Vanore, David A
Total Number of Pages in This Submission	8	Attorney Docket Number	007996 USA CO1/IMPLANT/CONDUCTIVE/JB1

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input checked="" type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): -Deficiency Payment to Correct Error in Small Entity -Certificate of Mailing -Return Postcard
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Curtis A. Vock, Reg. No. 38,356
Signature	
Date	22 June 2004

CERTIFICATE OF MAILING 37 CFR 1.10			
I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated below addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.			
Typed or printed name	Linda Levin		
Signature		Date	6/22/04

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

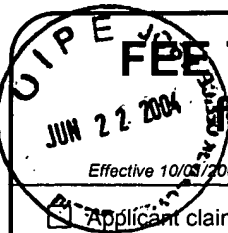
06-23-04

PTO/SB/17 (10-03)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**FEE TRANSMITTAL**
for FY 2004

Effective 10/03/2003. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$) 196**Complete If Known**

Application Number	10/694,162
Filing Date	October 27, 2003
First Named Inventor	Donald W. Berrian
Examiner Name	Vanore, David A.
Art Unit	2881
Attorney Docket No.	007996 USA CO1/IMPLANT/CONDUCTIVE/JB1

METHOD OF PAYMENT (check all that apply)☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit
Account
Number

12-0600

Deposit
Account
Name

Lathrop & Gage L.C.

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments
☐ Charge any additional fee(s) during the pendency of this application
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1)

(\$ 0)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

		Extra Claims	Fee from below	Fee Paid
Total Claims	-20 **	= 0	X	= 0
Independent Claims	-3 **	= 0	X	= 0
Multiple Dependent		X		= 0

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

(\$ 0)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17 (q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify) Terminal Disclosure Fee, \$110Deficiency Payment to Correct in Small Entity Status \$86

196

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$ 196)

SUBMITTED BY**Complete (if applicable)**

Name (Print/Type)	Curtis A. Vock	Registration No. (Attorney/Agent)	38,356	Telephone	(720) 931-3000
Signature		Date	22 JUN 2004		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



PATENT
Atty. Docket No. 007996 USA CO1/IMPLANT/CONDUCTIVE/JB1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Donald W. Berrian
Appl. No.: 10/694,162
Filed: 27 October 2003

Examiner: David A. Vanore
T.C./A.U.: 2881

For: SYSTEM AND METHOD FOR IMPLANTING A WAFER WITH AN ION BEAM

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

DEFICIENCY PAYMENT TO CORRECT ERROR IN SMALL ENTITY STATUS

Pursuant to 37 CFR §1.28(c)(1) and (2) an itemization and payment of deficiency owed are hereby submitted. Although the application fee of \$770, for a large entity, was paid upon filing the instant application on 10/27/2003, we erroneously paid the small entity fee of \$86.00 for two (2) additional independent claims. Pursuant 37 C.F.R. §1.28(c)(2)(ii)(D), this deficiency payment further serves as notification of loss of entitlement to small entity status.

Fee Description	Date	Fee Paid	Corrected Fee Amount	Deficiency Due
Fee for 2 Additional Independent Claims	10/27/2003	\$86.00	\$172.00	\$86.00
Total Deficiency Payment Owed:				\$86.00

A fee transmittal is enclosed herewith, authorizing the Commissioner to charge the necessary deficiency payment of \$86.00 to Deposit Account No. 12-0600. If any additional amount is due, please also charge Deposit Account No. 12-0600.

Respectfully submitted,

Date: 22 June 2004

By: Curtis A. Vock
Curtis A. Vock, Reg. No. 38,356
Lathrop & Gage, L.C.
4845 Pearl East Circle, #300
Boulder, CO 80301
Telephone: (720) 931-3000
Facsimile: (720) 931-3001

06/25/2004-JBALINAN-00000016-120600-10694162
01-FC:1814 110.00-DA